

PATENT

DOCKET NO.: 18197/09000 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of	)	Examiner: Unknown
CHARLES B. WALL et al.	)	
	)	
Serial No.: Not yet assigned	)	Art Unit:
	)	Not yet assigned
	)	
Filed: Herewith	)	
	)	
Title: APPARATUS AND METHOD FOR	)	
CONTROLLING THE TEMPERATURE OF	)	
AN ELECTRONIC DEVICE UNDER TEST	)	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In addition to the prior art noted in the Information Disclosure Statement being filed concurrently herewith, the Examiner is requested to consider the following:

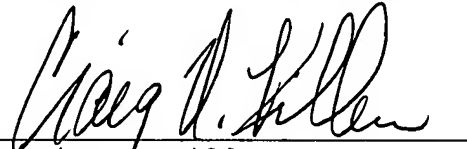
Kryotech, Inc., the assignee of the present invention, provided certain testing equipment to a customer more than one year prior to the effective filing date of the present application which utilized a thermal head configured as an evaporator in a refrigeration system. In this equipment, refrigerant fluid continuously passes to the thermal head in liquid form, where it is expanded. The resulting temperature drop absorbs thermal

energy from the electronic device being tested so as to generally maintain a predetermined temperature. The refrigeration system further includes a compressor and a condenser. The predetermined temperature is set by variables such as choice of refrigerant fluid and compressor size. Thus, this system is not capable of operating at different temperatures.

Applicants reserve the right to demonstrate that the system described in the preceding paragraph is not prior art, if such is indeed the case.

Please charge any fees required for consideration of the art cited herein to our deposit account no. 50-1196.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Craig N. Killen", written over a horizontal line.

Craig N. Killen

Reg. No. 35,218

NELSON MULLINS RILEY & SCARBOROUGH

P.O. Box 11070

Columbia, SC 29211-1070

Telephone: (803) 255-9382

Facsimile: (803) 255-9103

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Date of Deposit - December 29, 2003

I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R 1.10 on the date indicated above and is addressed to MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Martha Boynton

(Typed/printed name of person mailing paper or fee)

Martha Boynton

(Signature of person mailing paper or fee)

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AN ELECTRONIC DEVICE UNDER TEST )

**INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.56, 1.97, and 1.98, Applicant is submitting the art shown on the attached list for consideration by the Examiner.

**I. Timing of the Submission** (*check one*)

This Information Disclosure Statement is being submitted:

- ☒ Within three months of filing the application (Rule 97(b)(1)).
- ☐ Within three months of the international application entering the national stage (Rule 97(b)(2)).
- ☐ Before mailing of a first Office Action (Rule 97(b)(3)).
- ☐ Before mailing of a final action or notice of allowance, and accompanied by a fee (Rule 97(c)(2)).
- ☐ Before mailing of a final action or notice of allowance, and accompanied by a Rule 97(e) statement (Rule 97(c)(1)).

- ☐ After issuance of a Notice of Allowance but before payment of the issue fee, and accompanied by: (1) a Rule 97(e) statement, (2) a petition requesting consideration of the information disclosure statement, and (3) a fee (Rule 97(d)).

**II. Rule 97(e) Statement** *(check one if required by item checked above)*

- ☐ Each item contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ No item contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application nor was any such item known by any individual associated with the filing or prosecution of the patent application more than three months prior to the filing of the Information Disclosure Statement.

**III. Copies of the References** *(check one or both as applicable)*

- ☒ Copies of 34 *(insert "all" or number of enclosed references)* listed references are enclosed.
- ☐ Copies of \_\_\_\_\_ *(insert "all" or number of references not enclosed)* listed references are not enclosed because they are not required pursuant to Rule 98(d). The listed references were previously cited by or submitted to the Office in application serial number \_\_\_\_\_, filed \_\_\_\_\_, which is relied upon for an earlier filing date.

**IV. Rule 98(a)(3) Statement for Non-English language references**  
(if required)

Pursuant to Rule 98(a)(3), the following is a concise explanation of the relevance of each patent, publication, or other information listed that is not in the English language:

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**V. Mailing Certificate (check one)**

☐ First Class Mail Certificate

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On

\_\_\_\_\_  
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(Signature of person mailing paper or fee)

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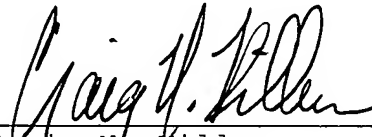
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Martha Boynton  
(Typed/printed name of person mailing paper or fee)

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<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>										<b>Docket Number Optional</b> 18197/09000 CON		<b>Application Number</b> Not yet assigned	
										<b>Applicant</b> Charles B. Wall et al.			
										<b>Filing Date</b> Herewith		<b>Group Art Unit</b> Not yet assigned	
<b>U.S. PATENT DOCUMENTS</b>													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6	4	8	9	7	9	3	12/03/02	Jones et al.				
	6	4	7	6	6	2	7	11/05/02	Pelissier et al.				
	6	2	9	7	6	6	0	10/02/01	Farnworth et al.				
	6	2	6	2	5	8	4	07/17/01	Kurosu et al.				
	6	2	4	6	5	8	1	06/12/01	Kang et al.				
	6	1	8	4	5	0	4	02/06/01	Cardella				
	6	1	6	3	1	6	3	12/19/00	Kohn et al.				
	6	1	4	7	5	0	6	11/14/00	Ahmad et al.				
	6	1	0	4	2	0	4	08/15/00	Hayama et al.				
	6	0	8	4	2	1	5	07/04/00	Furuya et al.				
	6	0	5	4	6	7	6	04/25/00	Wall et al.				
	6	0	4	9	2	1	7	04/11/00	Viswanath et al.				
	5	9	7	7	7	8	5	11/02/99	Burward-Hoy.				
	5	9	4	4	0	9	3	08/31/99	Viswanath				
<b>FOREIGN PATENT DOCUMENTS</b>													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO
	0	9	9	4	6	4	5	04/2000	EPO				
	9	8	4	6	0	5	9	10/1998	PCT				
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>													
	PCT International Search Report for PCT application corresponding to parent dated October 25, 2002, 4 pages												
EXAMINER										DATE CONSIDERED			
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.													



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U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	9	1	8	4	6	9	07/06/99	Cardella			
	5	8	4	7	3	6	6	12/08/98	Grunfeld			
	5	8	4	7	2	9	3	12/08/98	Jones			
	5	8	2	1	5	0	5	10/13/98	Tustaniwskyj et al.			
	5	5	8	7	8	8	0	12/24/96	Phillips et al.			
	5	5	7	4	6	2	7	11/12/96	Porter			
	5	3	6	5	7	4	9	11/22/94	Porter			
	5	3	2	5	0	5	2	06/28/94	Yamashita			
	5	2	7	1	2	3	9	12/21/93	Rockenfeller et al.			
	5	1	9	8	7	5	3	03/30/93	Hamburgen			
	5	1	9	6	7	8	5	03/23/93	Douglas			
	5	1	6	4	6	6	1	11/17/92	Jones			
	5	1	2	5	4	5	1	06/30/92	Matthews			
	4	8	0	7	4	4	5	02/28/89	Matsuoka et al.			
	3	8	8	2	6	9	1	05/13/75	Baines et al.			
	3	7	5	7	5	3	0	09/11/73	Doyle et al.			
	3	0	0	3	3	3	2	10/10/61	Watkins			

FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translation	
												YES	NO

OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>												

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